

ABSTRACT OF THE DISCLOSURE

Sampling and transforming (“twisting”) of biometric data are performed at client based on information known at client only. Twisting includes shuffling the arrays of biometric data and may include changing of values in these arrays. Twisted biometric data are submitted to server. Amount of information contained in twisted data is enough to verify and/or identify the client using proposed correlation procedure, however, is not enough to restore the client’s real biometrical data in case of interception of submitted data and in case of compromising security of server. As a result the privacy of the client is guaranteed in the highest degree.